

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|------------------------|------------------|---------|------------------|
| S1    | 2950  | spare wheel (vehicle or car or automobile)   | US-PGPUB; USPAT        | AND              | OFF     | 2006/09/21 15:26 |
| S2    | 20551 | ("224").CLAS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/21 15:26 |
| S3    | 380   | S1 and S2  | US-PGPUB; USPAT        | AND              | OFF     | 2006/09/21 15:41 |
| S4    | 1503  | hitch adj ball   | US-PGPUB; USPAT        | AND              | OFF     | 2006/09/21 15:42 |
| S5    | 1345  | ball adj hitch   | US-PGPUB; USPAT        | AND              | OFF     | 2006/09/21 15:42 |
| S6    | 157   | S2 and (S4 or S5)  | US-PGPUB; USPAT        | AND              | OFF     | 2006/09/21 15:48 |
| S7    | 186   | (S4 or S5) same (safety)   | US-PGPUB; USPAT        | AND              | OFF     | 2006/09/21 15:49 |
| S8    | 8     | ("4032171"   "4836570"   "5087064"   "5832021"   "6155589"   "6666051"   "6722686"   "6802523").PN.<br>OR ("6932376").URPN.  | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/21 15:51 |
| S9    | 24    | ("1335211"   "2035486"   "2347033"   "2475878"   "2676034"   "3046038"   "3433503"   "3650546"   "3796443"   "4042256"   "4792151"   "5205666").PN. OR ("5997025").URPN.   | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/21 15:54 |
| S10   | 17    | ("1254199"   "3046038"   "4042256"   "4444410"   "4657276"   "4817979").PN. OR ("5205666").<br>URPN.   | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/21 15:55 |
| S11   | 20    | ("3307857"   "3376051"   "3630546"   "3968981"   "4072320"   "4186940"   "4319766"   "4433854"   "4577988"   "4772039").PN. OR ("4993739").URPN.   | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/21 16:00 |
| S12   | 146   | hitch same (spare adj (tire or wheel))   | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/21 16:06 |
| S13   | 20    | ("20030024958"   "3822814"   "3884516"   "4061385"   "4239253"   "4266817"   "4610458"   "4671550"   "4679717"   "4834273"   "4950010"   "5186371"   "5688006"   "6189748"   "6357778"   "6659318"   "6709036"   "6827377"   "6840554"   "D473835").PN.                              | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/21 16:06 |
| S14   | 17    | ("1879304"   "2028945"   "3187914"   "3292795"   "3561710").PN. OR ("3904093").URPN.   | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/21 16:31 |
| S15   | 114   | (224/42.12).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 07:57 |
| S16   | 135   | (224/42.13).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 08:19 |
| S17   | 74    | (224/42.14).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 10:41 |
| S18   | 46    | (224/520).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 08:31 |
| S19   | 175   | (224/519).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 08:31 |
| S20   | 62    | (224/42.28).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 08:45 |
| S21   | 235   | (224/42.21).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 08:46 |
| S22   | 13    | ("3858775"   "5121862"   "5228606"   "5228607"   "5232133"   "5285937"   "5388736"   "5579974"   "5588574"   "5950892"   "6234372"   "6644525"   "D320775").PN. OR ("6971565").URPN.   | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/25 09:37 |
| S23   | 37    | ("2605115"   "3606111"   "3712522"   "3757975"   "3854641"   "4050616"   "4078708"   "4089448"   "4336897"   "4400129"   "4403716"   "4456421"   "4461410"   "4461413"   "4573855"   "4635835"   "4640658"   "4673328"   "4676414"   "4813584"   "4826387").PN. OR ("5330312").URPN. | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/25 09:45 |
| S24   | 2     | ("2605115").URPN.  | USPAT                  | AND              | OFF     | 2006/09/25 09:48 |
| S25   | 61    | ("2605115"   "3757975"   "4050616"   "4089448"   "4336897"   "4400129"   "4403716"   "4456421"   "4461410"   "4461413"   "4573855"   "4635835"   "4640658"   "4673328"   "4676414"   "4813584").PN. OR ("5181822").URPN.   | US-PGPUB; USPAT; USOCR | AND              | OFF     | 2006/09/25 09:54 |
| S26   | 43    | (224/42.31).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 10:00 |
| S27   | 67    | (224/42.3).CCLS.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 10:05 |
| S28   | 78    | (224/42.29).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 10:09 |
| S29   | 29    | (224/42.19).CCLS.  | US-PGPUB; USPAT        | OR               | OFF     | 2006/09/25 10:11 |

## EAST Search History

|     |       |  |                        |     |     |                  |
|-----|-------|--|------------------------|-----|-----|------------------|
| S30 | 200   | (224/42.24).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 10:11 |
| S31 | 37    | (224/42.15).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 10:41 |
| S32 | 14    | ("2117049"   "4277008"   "4392597"   "4676414"   "4884728"   "4911343"   "4948021"   "5085360"   "5108020"   "5121862").PN. OR ("5228606").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 11:06 |
| S33 | 91    | (224/502).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 11:14 |
| S34 | 80    | (224/504).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 11:23 |
| S35 | 105   | (224/506).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 11:23 |
| S36 | 85    | (224/505).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 11:45 |
| S37 | 255   | (224/282).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 11:45 |
| S38 | 281   | (280/515).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 14:18 |
| S39 | 115   | (hitch adj pin) and (ball with socket)   | US-PGPUB; USPAT        | AND | OFF | 2006/09/25 12:46 |
| S40 | 25    | ("2911233"   "4280713"   "4456279"   "5044652"   "5106114"   "5158316"   "5265899"   "5322313"   "5351982"   "5560630").PN. OR ("5857693").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 12:50 |
| S41 | 19    | ("2911233"   "4456279"   "5044652"   "5135247"   "5158316"   "5322313"   "5560630"   "5857693"   "5915714").PN. OR ("6116633").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 12:57 |
| S42 | 1     | ("5806736").PN.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 12:58 |
| S43 | 20    | ("3658201"   "4006852"   "4282994"   "4327849"   "4756457"   "5026107"   "5137192"   "5222640"   "5372287"   "5427287"   "5427289").PN. OR ("5806736").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 12:58 |
| S44 | 26    | ("0964153"   "1926350"   "2698118"   "3283973"   "3326434"   "3894668"   "4089554").PN. OR ("4282994").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 13:04 |
| S45 | 171   | (224/509).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 13:06 |
| S46 | 28    | ("1693202"   "3159368"   "4676414"   "4738316"   "4915276"   "5029740"   "5038983"   "5181822"   "5244133"   "5259821").PN. OR ("5449100").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 13:10 |
| S47 | 19    | ("2911233"   "4456279"   "5044652"   "5135247"   "5158316"   "5322313"   "5560630"   "5857693"   "5915714").PN. OR ("6116633").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 13:35 |
| S48 | 20    | ("3307857"   "3376051"   "3630546"   "3968981"   "4072320"   "4186940"   "4319766"   "4433854"   "4577988"   "4772039").PN. OR ("4993739").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 13:48 |
| S49 | 14    | ("2475878"   "2673096"   "2902294"   "3046038").PN. OR ("4042256").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 14:05 |
| S50 | 729   | (280/511,512,513).CCLS.  | US-PGPUB; USPAT        | OR  | OFF | 2006/09/25 14:18 |
| S51 | 12175 | handle safety latch  | US-PGPUB; USPAT        | AND | OFF | 2006/09/25 14:19 |
| S52 | 24    | S50 and S51  | US-PGPUB; USPAT        | AND | OFF | 2006/09/25 14:19 |
| S53 | 49    | ("2685240"   "2695467"   "2710464"   "3150884"   "3214138"   "3285625"   "3410008"   "3618985"   "3746368"   "3851894"   "3987562"   "4057266"   "4136891"   "4176727"   "4209184"   "4342163"   "4416467"   "4619060"   "4658519"   "4679812"   "4747612"   "4754562"   "4962599"   "4976053"   "5014452"   "5027536"   "5031927"   "5111603"   "5184839"   "5244047"   "5289880"   "5335930"   "5353530"   "5573263"   "5580076"   "5632501"   "6102131"   "6202328"   "6276076"   "6363629"   "6408546").PN. OR ("6557275").URPN. | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 14:20 |
| S54 | 8     | ("4032171"   "4836570"   "5087064"   "5832021"   "6155589"   "6666051"   "6722686"   "6802523").PN. OR ("6932376").URPN.   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 15:01 |
| S55 | 178   | trailer hitch ball safety latch handle   | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/09/25 15:01 |